

# Enfora MT-G™

GSM/GPRS

Quad Band Mobile Tracker

Presenting the Enfora MT-G the most economical and powerful wireless IP (GPRS/GSM) ruggedized mobile tracking device available today.

The MT-G includes built in TCP/IP and UDP capability that allows for complete flexibility for a user in customizing a mobile tracker application.

GPS data is made available on-board the MTG for transmission to a centralized operations center or web page or to a localized computer or MDT.

The wireless data and voice port are also available for the localized user for e-mail or voice communication.

Call your Enfora representative today or visit our website below.



## System Information

Interface: Serial – Host DSUB 9 conn  
L x W x H: 4.0 x 5.0 x 1.6 in.  
Housing: Seamless Aluminum Extrusion  
TX Power: Class 4 (2W @ 850/900 MHz)  
Class 1 (1W @ 1800/1900 MHz)  
Frequency: 850/900/1800/1900

## Status Indicators

- Power ON
- User Defined (DEFAULT: Reg Status)
- User Defined (DEFAULT: GPS Status)

## GPRS Packet Data

Mode: Class B, Multislot 10  
Protocol: GPRS Rel 97 & SMG 31  
Coding Schemes: CS1-CS4  
Packet Channel: PBCCH/PCCCH

## GSM Functionality

Voice: AMR, FR, EFR , HR  
CS Data: Asynchronous,  
Transparent and Non-Transparent up to 9.6 kB  
GSM SMS: Text, PDU, MO/MT, CB

## GPS Functionality

Connector: SMA Female  
Antenna: 3.3V Active  
GPS Protocols: NMEA, TAIP, Binary  
Buffered GPS Message Feature

## Environment

Operating: -30 °C to + 70 °C  
Storage: -40 °C to + 85 °C  
Humidity: Up to 95% non-condensing  
Vibration: In accordance with SAE J1211

## Certifications

FCC: Part 15, 22 & 24  
GCF: Version 3.21.1  
PTCRB: Version 3.7.1  
Industry Canada  
CE Mark  
RoHS Compliant

Specifications subject t to change without notice



Front View



Back View

## Application Interface

Host Protocols: PPP, AT, UDP, TCP/IP  
Internal Protocols: UDP PAD,  
API Control/Status: AT or UDP (PAD) CMUX  
Friend's IP Feature  
Auto-Registration software upon power-up

## Over-The-Air Commands

- I/O Control
- GPS TX Interval
- Binary Reporting
- Timed Reporting
- Alarm Reporting
- Max Speed Exceeded
- Status Change Reports
- GPS Content
- Event Reporting
- Distance Reporting
- Geo Fencing

## SIM Card/Interface/I/O

SIM Access: External  
Audio: 2.5mm Headset and I/O  
GSM Antenna: TNC  
LED: 3 Status Indicators  
I/O Connector: 5 User Defined Digital I/O  
2 A/D Input Ports  
1 Audio Input/Output  
Misc: Ignition Sense

## Power

DC Voltage: 5 – 30 V  
**Spider MT-G 2208 @ 12V**

BAND	MODE	Avg (mA)	Peak (A) @ dBm
GSM 850	1TX/1RX	230	2.1 @ 32.5
	1RX	105	
	Idle	<45	
GSM 1800	1TX/1RX	175	1.5 @ 29.0
	1RX	105	
	Idle	<45	

## Part Numbers

GSM2208-20 850/900/1800/1900

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